

Practitioner's Docket No. 2002DE407

DTG'd PCT/PTO

15 DEC 2004  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Klaus POELLMANN et al.

Examiner: n/a

Application No.: 10/506,486

Group No.: 1734

Filed: 09/02/2004

For: THERMALLY STABLE POLYALKYLENE GLYCOLS AS LUBRICANTS  
FOR REFRIGERATORS

Commissioner for Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith).

1. ☒ Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449 (PTO/SB/08a and/or PTO/SB/08b).
  - 1b. ☒ Copies of Information Disclosure Statement citations.
  - 1c. ☒ PCT or EP Search Report .PCT/EP 03/01928, mailed 06/23/2003 <sup>7</sup>
  - 1d. ☐ Copies of Co-pending U.S. Applications. *PCT PRELIM EXAM 1-21-2004*
2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) with the filing of the U.S. patent application. Accordingly, no fee or §1.97(e) Statement is required.
3. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.
4. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance. The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 03-2060.
5. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(e) in that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. Accordingly, no fee is required.
6. ☐ This Information Disclosure Statement is filed in conjunction with a Request For Continued Examination. Accordingly, no fee or §1.97(e) Statement is required.
7. ☒ The English language documents identified by reference in the TRANSLATION Section of the foreign patents list of the attached 1449 Form are believed to be a concise statement, or the equivalent or substantial equivalent to the foreign language documents cited in the attached 1449 Form.
8. ☐ In addition to the documents cited, the Office's attention is directed to the following co-pending U.S. Application Serial Number(s), copies of which are attached for the convenience of the Office:

Respectfully submitted,

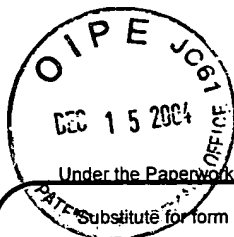


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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/506,486
Filing Date	09/02/2004
First Named Inventor	Poellmann
Art Unit	3744
Examiner Name	
Attorney Docket Number	2002DE408

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 4,360,144	01/23/1982	Cuddy et al.	
	AB	US- 4,581,144	07/25/1989	McGraw et al.	
	AC	US- 6,028,037	02/22/2000	Payan et al.	
	AD	US- 6,245,254	06/12/2001	Corr	
	AE	US- 6,335,311	01/01/2002	Namiki et al.	
	AF	US- 2,002,115,577	08/22/2002	Ohsumi et al.	
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	BA	EP 0311 881	04/19/1989	BASF	See CA below	<input type="checkbox"/>
	BB	WO 98/50499	11/12/1998	RWE-DEA AG	See CB below	<input type="checkbox"/>
	BC					<input type="checkbox"/>
	BD					<input type="checkbox"/>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
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Application Number 10/506,486

Filing Date 09/02/2004

First Named Inventor Poellmann

Art Unit 3744

Examiner Name











Attorney Docket Number 2002DE408

Sheet 2

of

2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Abstract of EP 0311 881, dated 04/19/1989	
	CB	Abstract of WO 98/50499 and granted English language claims of corresponding patent EP0980416, originally pub 11/12/1998	
	CC	J. FAHL, "Synthetische Etheroele-Struktur und Eigenschaften", KI Luft und Kaeltechnik, 8/2000, pp356-360	
	CD	J. FAHL, "Polyalkylenether-Schmierstoffe fuer CO2-Pkw-Klimaanlagen", KI Luft und Kaeltechnik, 10/2000, pp478-481	
	CE		
	CF		
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